Quarterly Progress Report, July 1 to September 30, 2015
Oklahoma Department of Environmental Quality
Superfund Consolidated Cooperative Agreement
Cooperative Agreement # V-96688701

Prepared by Oklahoma Department of Environmental Quality Submitted to Kathy Gibson, Environmental Protection Agency

I. SUMMARY OF CONSOLIDATED #2 COOPERATIVE AGREEMENT ACTIVITIES

Activities performed by the Oklahoma Department of Environmental Quality (DEQ) for the 4th quarter of FY 2015 are detailed below. The approximate number of hours reported covers time reported from July 1 to September 30, 2015. Staff time was distributed to the various program activities as follows:

Project Name	Staff Hours Salary + Fringe + Ind.		Other Operating expenses
Core	575.51	\$39,285.60	\$1,121.43
PA/SI	481.50	\$25,926.03	\$1,219.14
Tar Creek OU4 MA	576.75	\$36,588.38	\$1,053.80
Tar Creek OU5 MA	5.5	\$357.32	\$0.00
Wilcox Refining MA	192.25	\$8,840.11	\$0.00
Total	1,831.51	\$110,997.44	\$3,394.37

DEQ's Administrative Services Division will submit signed copies of the Financial Status Reports directly to EPA's Project Officer and Grant Manager Office (GMO).

Attached is the Budget Project Reports provided by the DEQ's Administrative Services Division.

II. CORE PROGRAM

Project Name	Staff Hours	Salary + Fringe + Ind. \$	Other Operating expenses \$	
Core	575.51	\$39,285.60	\$1,121.43	

a. Program Management & Supervision
 DEQ worked on computer infrastructure improvements.

b. Cooperative Agreement Administration

DEQ participated in monthly conference calls with EPA grant staff.

c. Fiscal and Contract Management DEQ participated in meetings with DEQ finance and contract staff.

d. Staff Development and Training

Staff Title	Course/Conference Title	Location	Date(s) Attended
EnvProgSpec IV	Customer Service Training	OKC	6/17/15
EnvProgSpec IV	Water Quality Cross Training	ОКС	7/1/15
EnvProgSpec IV	Tendencies of Chlorinated Solvents	ОКС	8/3/15
	in the Groundwater and Soil Vapor		
EnvProgSpec IV	State Environmental Laboratory	ОКС	8/5/15
	Cross Training		
EnvProgSpec IV	Advanced Waste Site Cover	ОКС	8/8/15
	Technologies		
EnvProgSpec IV	ECLS Cross Training	ОКС	9/2/15
EnvProgSpec IV	Horizontal Remediation Well	Tallahassee, FL	9/22/15
	Workshop		
EnvProgManager	Customer Service Training	ОКС	6/17/15
EnvProgManager	Water Quality Cross Training	ОКС	7/1/15
EnvProgManager	State Environmental Laboratory	OKC	8/5/15
	Cross Training		
EnvProgManager	ASTSWMO Cercla and Brownfields	Washington, D.C.	8/12/2015-
	Subcommittee Meeting		8/13/2015
EnvProgManager	Communication Skills for Women	ОКС	8/21/2015
EnvProgManager	ECLS Cross Training	ОКС	9/17/15
EnvProgSpec I	Water Quality Cross Training	ОКС	7/1/15
EnvProgSpec I	Tendencies of Chlorinated Solvents	OKC	8/3/15
	in the Groundwater and Soil Vapor		
EnvProgSpec I	EPA Preliminary Assessment and	Philadelphia	9/1/2015 -
	Site Inspection		9/3/2015
EnvProgSpec I	ECLS Cross Training	ОКС	9/2/15
EnvProgSpec IV	Tendencies of Chlorinated Solvents	ОКС	8/3/2015

	in Ground water & Soil Vapor		
EnvProgSpec IV	Communication Skills for Women	OKC	8/21/2015
EnvProgSpec IV	Petroleum Vapor Intrusion Principals of Screening, Investigation, and Management	OKC	8/27/2015

e. Legal Assistance

DEQ legal staff helped with document reviews of legal documents including cooperative agreements, Superfund State Contracts, and consulting and construction contracts.

f. Clerical/Administrative Support

Clerical and administrative support staff provided general clerical/administrative support to Core program professional staff.

g. Estimate of Funds Needed to Complete current grant period

DEQ estimates \$251,750 of additional funds is needed to complete work under the current Cooperative Agreement due to expire June 30, 2017.

III. PRELIMINARY ASSESSMENT/SITE INSPECTION

Site	Staff Hours	Salary + Fringe + Ind. \$	Other Operating expenses \$
Program Management - Pre-CERCLA Screens	274	\$18,929.48	\$1,219.14
PA	207.50	\$6,996.55	\$0.00
SI	0	0	0
ESI	0	0	0
Total	481.50	\$25,926.03	\$1,219.14

a. Program Management/ Pre-CERCLA Screening Assessments In addition to the site specific activities identified below, staff responded to requests for information, prepared management briefings on site related activities and maintained site files and records for each site below. Additionally, management planned future work and reviewed reports and work plans. No new Pre-CERCLA Screening Assessments were performed this quarter. DEQ did answer questions for EPA about past projects and upcoming projects.

b. Preliminary Assessments (PA)

Tide Water Refinery, Drumright, Creek County

i. Work Performed

Activity	Date Completed
UST Memo Completed	07/01/2015
Climate Data Completed	07/23/2015
Wetland Determination and calculations Completed	07/24/2015
Summaries of Stream flow Records Completed	07/24/2015
Public Water Supply and Population Density Memo	07/24/2015
PRP Search Completed	08/11/2015
Initial Site Reconnaissance and Site Recon Memo	08/21/2015
Aerial photos and/or Sanborn maps to delineate site	08/28/2015
Records search Completed	09/08/2015
Hydrology memo	09/09/2015
Resident and wetland distance from sources Completed	09/14/2015
7.5 Topographic map or GIS Based Map	09/21/2015
Draft PA for Review Completed	09/28/2015
PA Report Date	09/30/2015
Submit PA Report to EPA	09/30/2015

ii. Problems or Delays

None

iii. Percentage of Project Completed Project is 100% complete.

iv. Estimate of Time Needed to Complete the ProjectThe project was completed on September 29, 2015.

c. Site Inspections (SI)

Roxanna Refinery, Cushing, Payne County

i. Work Performed

Activity	Date Completed
Waited for data package from laboratory.	September 2015

ii. Problems or Delays

Sampling was performed on June 24, 2015. Originally it had been scheduled to occur in April, but was pushed back due to weather delays. This delay pushed back the completion date of this project by 2 months.

- iii. Percentage of Project Completed Project is 80% complete.
- iv. Estimate of Time Needed to Complete the Project The project will be completed in October 2015.

d. Expanded Site Assessments (ESI)

None performed in this quarterly report period.

e. Estimate of Funds Needed to Complete current PA/SI projects

DEQ estimates \$165,487 of additional funds is needed to complete work under the current Cooperative Agreement due to expire June 30, 2017.

IV. MANAGEMENT ASSISTANCE

Project Name	Staff Hours	Salary + Fringe + Ind. \$	Contractual \$	Other Operating expenses \$
Tar Creek OU4	576.75	\$36,588.38	\$0.00	\$1,053.80
Tar Creek OU5	5.5	\$357.32	\$0.00	\$0.00
Wilcox Refining	192.25	\$8,840.11	\$0.00	\$0.00
Total	774.5	\$45,785.81	\$0.00	\$1,053.80

a. Tar Creek OU4

- i. Work Performed
 - Met with EPA and Quapaw Tribe on August 12, 2015 and September 30, 2015 to discuss OU4 issues.
 - Drafted and submitted the Cooperative Agreement with EPA to perform remedial action work on the Beaver Creek Watershed.

- DEQ drafted access agreement for FY 2016, 2017, and 2018 OU4 project.
 DEQ visited the Ottawa County Court House to find property ownership information and copy deeds. DEQ visited the site to meet with landowners and answer questions and get access agreements signed.
- DEQ reviewed a draft SSC Amendment submitted by EPA and provided comment.
- DEQ provided example deed notices to EPA.
- DEQ staff attended and presented information at the Tar Creek L.E.A.D. conference on September 29, 2015.
- DEQ received calls and emails from members of the public and answered questions.
- DEQ participated in conference calls with EPA and other stakeholders.
- DEQ met internally monthly to plan work.
- ii. Problems or Delays

None

iii. Percentage of Project Completed

This is an ongoing project.

iv. Estimate of Time and Funds Needed to Complete the Project DEQ estimates \$136,482 of additional funds is needed to complete work under the current Cooperative Agreement due to expire June 30, 2017.

b. Tar Creek OU5

i. Work Performed

DEQ reviewed EPA's draft reference list and Human Health Focus Areas. DEQ submitted additional references to EPA's draft reference. DEQ reviewed proposed work being performed in Cherokee County, Kansas, EPA Region 7 in the intermittent stretch of stream that flows into Tar Creek and eventually Oklahoma. DEQ provided update on OU5 at Tar Creek Conference on September 29, 2015.

ii. Problems or Delays

None

iii. Percentage of Project Completed

This is an ongoing project.

iv. Estimate of Time and Funds Needed to Complete the Project DEQ estimates \$62,916 of additional funds is needed to complete work under the current Cooperative Agreement due to expire June 30, 2017.

c. Wilcox Refining

i. Work Performed

DEQ assisted EPA Contractors with Site familiarity and access, correspondences with property owners. DEQ issued an updated site fact sheet in September.

DEQ continued to work with Site residents and community by answering questions. DEQ visited the site with EPA and observed site work. DEQ also participated in meetings with EPA and site stakeholders on August 26, 2015.

- ii. Problems or DelaysThis project is in need of additional funds to allow DEQ to continue to participate in site work.
- iii. Percentage of Project CompletedThis is an ongoing project.
- iv. Estimate of Time and Funds Needed to Complete the Project DEQ estimates \$95,934 of additional funds is needed to complete work under the current Cooperative Agreement due to expire June 30, 2017.

Cc: Karen Williams, DEQ
Amy Brittain, DEQ
Phillip Ofosu, EPA SAM
Bob Sullivan, EPA RPM
Katrina Higgins-Coltrain, EPA RPM

Attachments: DEQ's Budget Project Reports

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Page No.272 Run Date 09/30/2015 Run Time 09:27:57

Project: Activity: 292058116

CORE

Project Status: Activity Status: Open

Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	65,987.00	20,303.30	0.00	0.00	20,303.30	45,683.70	30.77
512000	Insur.Prem-Hlth-Life,etc	32,293.00	10,227.84	0.00	0.00	10,227.84	22,065.16	31.67
515000	Professional Services	2,663.00	9.00	1,590.50	0.00	1,599.50	1,063.50	60.06
520000	TRAVEL	15,762.00	755.95	269.01	0.00	1,024.96	14,737.01	6.50
530000	ADMINISTRATIVE EXPENSE	2,662.00	356.48	0.00	0.00	356,48	2,305.52	13.39
680000	FACILITY AND ADMIN EXPENSE	28,943.00	8,754.46	0.00	0.00	8,754.46	20,188.54	30.25

Project Total for 292058116 40,407.03 1,859.51 0.00 42,266.54

Hours Summary Core (Consolidated 3 292058116 For The Period Ended 09/30/2015

Sum of Quantity	Column Labels	
Row Labels	PAY	Grand Total
292058116	575.51	575.51
121188	111	111
124338	95.51	95.51
130963	102	102
134037	57	57
140917	39.5	39.5
146008	25	25
149273	47	47
259866	98.5	98.5
Grand Total	575.51	575.51

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State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Page No.274 Nun Date 09/30/2015 Run Time 09:27:57

ject:
ivity:

292058216 PASI Non-Site Specific

Project Status: Activity Status:

Oper

	Dennist	matal Pudant	P		Pre-	Total Exp	Variance S	Wassian a 2
ount	Description	Total Budget	Expenses	Encumbrances	Encumbrances	Enc, Pre-Enc	variance S	Variance :
000	Salary Expense	24,606.00	9,780.80	0.00	0.00	9,780.80	14,825.20	39.75
200	Insur.Prem-Hlth-Life,etc	12,959.00	4,885.65	0.00	0.00	4,885.65	8,073.35	37.70
200	Professional Services	25,669.00	18.00	89,487.50	0.00	89,505.50	-63,836.50	348.69
300	TRAVEL	6,631.00	934.90	0.00	0.00	934.90	5,646.10	14.10
300	ADMINISTRATIVE EXPENSE	0.00	266.24	2,279.14	0.00	2,545.38	-2,515.38	0.00
300	Loans, Taxes, Other Disbursemnts	52,520.00	0.00	0.00	0.00	0.00	52,520,00	0.00
200	FACILITY AND ADMIN EXPENSE	11,063.00	4,263.03	0.00	0.00	4,263.03	6,799.97	38.53

ect Total for 292058216 133,448.00 20,148.62 91,766.64 0.00 111,915.26 21,532.74 83.86

1

Hours Summary PASI (Consolidated 3) 292058216 For The Period Ended 09/30/2015

Sum of Quantity	Column Labels	
Row Labels	PAY	Grand Total
292058216	274	274
121188	35.5	35.5
130963	145	145
134037	1	. 1
140917	14.5	14.5
146736	25.5	25.5
259866	51	51
279778	1.5	1.5
Grand Total	274	274

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Page No.497 Run Date 09/30/2015 Run Time 09:27:57

Project: Activity: 292128116

PASI Tidewater Refinery

Project Status: Activity Status: Open

Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	0.01	3,835.51	0.00	0.00	3,835.51	-3,835.50	38,355,100.00
512000	Insur.Prem-Hlth-Life,etc	0.00	1,578.70	0.00	0.00	1,578.70	-1,578.70	0.00
680000	FACILITY AND ADMIN EXPENSE	0.00	1,582.34	0.00	0.00	1,582.34	-1,582.34	0.00

Project Total for 292128116 0.01 6,996.55 0.00 0.00 6,996.55 -6,996.54 69,965,500.00

Hours Summary for PASI Tidewater Refinery 292128116 For Thr Period Ended 09/30/2015

Column Labels		
PAY	Gra	nd Total
	207.5	207.5
	10	10
	4	4
	193.5	193.5
	207.5	207.5
		PAY Grand 207.5 10 4 193.5

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

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Project: Activity: 292015716

PASI Eagle Industries

Project Status:

Open

Activity Status:

Account I	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000 S	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Project Total	l for 292015716	0.01	0.00	0.00	0.00	0.00	0.01	0.0

292118016

PASI Roxanna Refinery Cushing

Project:

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Project Status:

Open

Page No.442 Run Date 09/30/2015 Run Time 09:27:57

Activity:		• • • • • • • • • • • • • • • • • • • •	- -	Activity Status:		-		
Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Project To	otal for 292118016	0.01	0.00	0.00	0.00	0.00	0.01	0.00

Project Total for 292128216

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

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0.00

Project: Activity:	292128216	PASI Sunshine Cleaners	Project Status: Activity Status:			Open		
Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00

0.00

0.00

0.00

0.00

0.01

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

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Project: Activity: 292129916

PASI CHELSEA REFINERY

Project Status:

Open

Activity St	a	tu	8	
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Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00
	.*(
Project To	otal for 292129916	0.01	0.00	0.00	0.00	0.00	0.01	0.00

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Page No.519 Run Date 09/30/2015 Run Time 09:27:57

Project: Activity: 292130016

PASI MAC'S PLATTING TULSA

Project Status: Activity Status: Open

Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00
Project To	otal for 292130016	0.01	0.00	0.00	0.00	0.00	0.01	0.00

State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

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Project: Activity: 292130116

PASI OHIO OIL

Project Status:

Open

Activity Status:

Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance 5
511000	Salary Expense	0.01	0.00	0.00	0.00	0.00	0.01	0.00

Project Total for 292130116

0.01

0.00

0.00

0.00

0.00

0.01

0.00

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State of Oklahoma BUDGETS TO ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Pag: No. 278 Run Date 09/30/2015

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ject: 292058616 Tar Creek Operable Unit (OU) 4 Project Status: Open ivity: Activity Status:

					Pre-	Total Exp		
ount	Description	Total Budget	Expenses	Encumbrances	Encumbrances	Enc, Pre-Enc	Variance \$	Variance ?
000	Salary Expense	29,230.00	20,139.35	0.00	0.00	20,139.35	9,090.65	68.90
000	Insur.Prem-Hlth-Life,etc	14,266.00	8,239.89	0.00	0.00	8,239.89	5,026.11	57.76
000	TRAVEL	12,508.00	1,053.80	400.01	0.00	1,453.81	11,054.19	11.62
000	ADMINISTRATIVE EXPENSE	0.00	0.00	36.50	0.00	36.50	-36.50	0.00
000	FACILITY AND ADMIN EXPENSE	12,810.00	8,209.14	0.00	0.00	8,209.14	4,600.80	G4.08

ject Total for 292058616 68,814.00 37,642.18 436.51 0.00 38,078.69 30,735.31 55.34

Hours Summary Tar Creek OU4 (Consolidated 3) 292058616 For The Period Ended 09.30.2015

Sum of Quantity Column Labels

Row Labels	PAY	Gra	nd Total
292058616		576.75	576.75
110307	THE PROPERTY LIES TO BE VALUE ! J. Comp.	7	7
121188		8	8
124338		124.5	124.5
149075		116	116
153462		4.75	4.75
216060		314	314
279778		2.5	2.5
Grand Total		576.75	576.75

State of Oklahoma BUDGETS TO ACTUALS COMMARISON BY FROJECT AND ACTIVITY as of date 0:1/30/2015 For Business Unit 23100

Page No. 200 Fun Fite 69/30, "015

70m Time 09:25:57

oject: tivity: 292058816 Tar Creek MA OU-5 Project Status: Activity Status:

Open

count	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Fre-Enc	"winner \$	Variance 1
1000	Salary Expense	8,908.00	190.09	0.00	0.00	190.09	8,717.9.	2.13
2000	Insur.Prem-Hlth-Life,etc	4,348.00	85.95	0.00	0.00	85.95	2,261.05	1.98
0000	TRAVEL	3,812.00	0.00	0.00	0.00	0.00	7,612.00	0.00
0000	FACILITY AND ADMIN EMPENSE	3,704.00	81.28	0.00	0.00	81.28	3,822.7	21.118

oject Total for 292058816

20,972.00 357.32 0.00 0.30 357.32 20,614.60 1.70

Hours Summary For Tar Creek OU5 (Consolidated 3) 292058816 For The Period Ended 09/30/2015

Sum of Quantity	Column Labels		
Row Labels	PAY	Grand Total	
292058816		5.5	5.5
110307		3	3
124338		2.5	2.5
Grand Total		5.5	5.5

State of Oklahoma BUDGETS TC ACTUALS COMPARISON BY PROJECT AND ACTIVITY as of date 09/30/2015 For Business Unit 29200

Page No.437 Run Date 09/30/2015 Run Time 09:27:57

Project: Activity: 292117516 Wilcox Refinery

Project Status: Activity Status: Open

Account	Description	Total Budget	Expenses	Encumbrances	Pre- Encumbrances	Total Exp Enc, Pre-Enc	Variance \$	Variance %
511000	Salary Expense	2,327.00	5,019.09	0.00	0.00	5,019.09	-2,692.09	215.69
512000	Insur.Prem-Hlth-Life,etc	1,214.00	1,820.11	0.00	0.00	1,820.11	-606.11	149.93
520000	TRAVEL	1,770.00	0.00	0.00	0.00	0.00	1,770.00	0.00
680000	FACILITY AND ADMIN EXPENSE	1,043.00	2,000.91	0.00	0.00	2,000.91	-957.91	191.84

Project Total for 292117516 6,354.00 8,840.11 0.00 0.00 8,840.11 -2,486.11 139.13

Hours Summary For Wilcox Refinery (Consolidated 3) 292117516 For The Period Ended 09/30/2015

Sum of Quantity	Column Labe	ls		
Row Labels	PAY	Grand Total		
292117516	1	92.25	192.25	
121188		19.25	19.25	
134037		2	2	
140917		171	171	
Grand Total	1	.92.25	192.25	

Coltrain, Katrina

From: Brittain, Amy <Amy.Brittain@deq.ok.gov>
Sent: Wednesday, November 04, 2015 8:35 AM

To: Gibson, Kathy

Cc: Williams, Karen R.; Ofosu, Philip; Cantwell, Hal; Coltrain, Katrina; Sullivan, Robert

Subject: DEQ Consolidated Grant Quarterly Report for the 4th Quarter of FY2015

Attachments: QuarterlyConsolidated4thq.pdf

Kathy,

Please see attached quarterly report for the Consolidated Grant.

Thanks! Amy

Amy Brittain
Environmental Programs Manager
Site Remediation Section
Land Protection Division
Oklahoma Department of Environmental Quality
405-702-5157
Amy.Brittain@deq.ok.gov